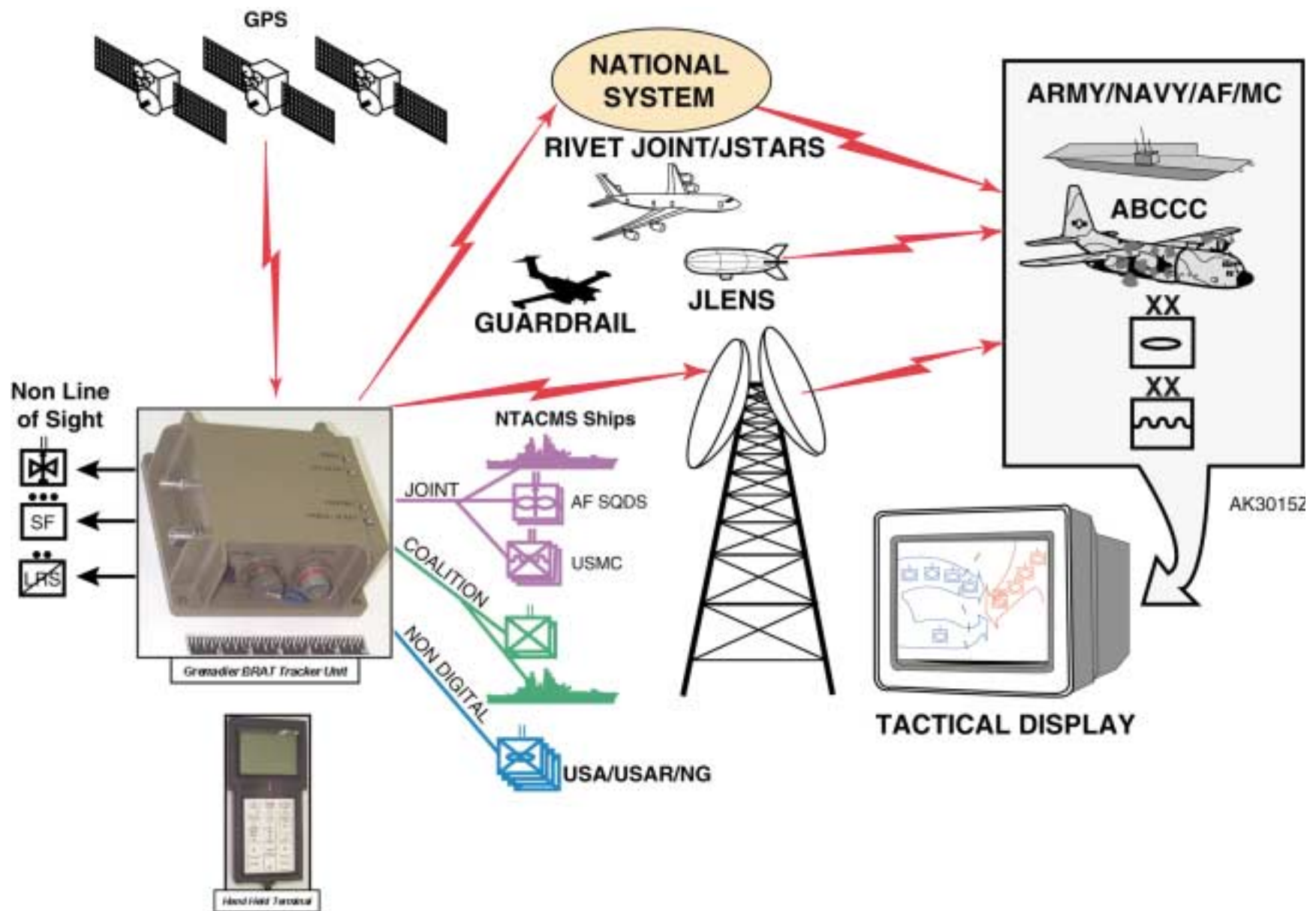


Grenadier Beyond Line-of-Sight Reporting and Targeting (BRAT)(GB)(WRAP Candidate)



MISSION

Provide a near-term capability for tracking blue-force assets operating deep, and for other situations beyond the normal digital umbrella.

DESCRIPTION AND SPECIFICATIONS

Grenadier Beyond Line of Sight Reporting and Targeting (BRAT) (GB) is a small, lightweight transceiver that derives location information from Global Positioning System (GPS) satellite broadcasts. It transmits its unit identification, location, and message in a low probability of intercept (LPI)/low probability of detect (LPD) waveform. This information can then be displayed on Tactical Exploitation of National Capabilities (TENCAP) systems, Forward Area Support Team (FAST) Mobile Integrated Tactical Terminals (MITT), Advanced Electronic Processing and Dissemination Systems (AEPDS), the Global Command and Control System (GCCS), Global Command and Control System–Army (GCCS-A), and the Maneuver Control System (MCS). Information can also be displayed on any system with a tactical receive equipment capability, including the common ground station and the Special Operations forces intelligence vehicle.

GB uses the same LPI/LPD used by the combat survivor evader locator (CSEL) radio being fielded to all services. The production GB devices will use the same three printed-circuit cards as the CSEL radio, packaged in a box suitable for mounting in military vehicles. GB leverages existing infrastructure to include communications relay systems, worldwide broadcast systems, and existing command and control systems. Software has been modified on GCCS to support GB, which will be released and propagated to GCCS-A. TENCAP systems are being modified to provide GB data to MCS at the division and corps level.

FOREIGN COUNTERPART

No known foreign counterpart

FOREIGN MILITARY SALES

None

PROGRAM STATUS

Current Continue production of GB devices.

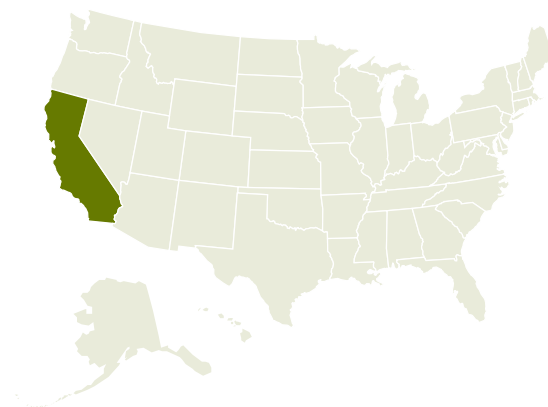
PROJECTED ACTIVITIES

3QFY00 Deliver 400 production GB devices.

4QFY00 Complete GB fielding.

PRIME CONTRACTORS

Boeing (Anaheim, CA)



* See appendix for list of subcontractors

